

## Cancer Research Here Gets \$62,500

Governor-General Jeanne Sauvé month presented the University with \$62,500 for cancer research.

The governor-general, acting on behalf of the Cancer Research Society, made the presentation 9 December in Montreal, as part of a \$1-million presentation to representatives of universities across Canada.

Grant Maclean, representing the University of Alberta's Faculty of Medicine, accepted the cheque. The Cancer Research Society, founded in Montreal in 1945, now raises funds nationally for research into cancer. □

## Africa Comes to Campus This Spring

Africa's crises and cultural development are twin themes later this year, when the Canadian Association of African Studies (CAAS) holds its annual conference here, 4 through 9 May.

A bilingual (French and English) event, CAAS 87 will bring together specialists in Africa's literature, sociology and religious studies with statisticians and technologists working for non-governmental groups in Africa, and representatives from CIDA, CUSO and the World Bank.

During CAAS 87, some 50 doctoral students will join in workshops with performers from the Union of African Performing Artists. UAPA is a UNESCO-funded organization with members from 14 African nations. It aims through "development theatre" to motivate ordinary Africans to take part, literally, in the "drama" of their country's development.

The roles played by women, children, the elderly and the handicapped in Africa's past, present and future will be highlighted, say CAAS 87 organizers.

Special exhibits of books, textiles African drumming workshops are now in advanced planning stages, as is a series of African films, with particular emphasis on female film-makers.

Olusegun Obasanjo, former Nigerian head of state, and Ali Mazuri, of the PBS series "The Africans," have accepted invitations to speak at CAAS 87. □

# FOLIO

University of Alberta

8 January 1987

## New Year, New Campus, New Faces



### Orientation Time in the Heritage Lounge

(Left to right) Lahoucine Ouzgane, Wee Shian Chan of Singapore and Zhiqing Chen of the People's Republic of China check the campus map with Terry Krissie of International Student Affairs. Far right, philosophy student Guangwei Ou Yang asks ISA's Deanna Wall a question about the students' handbook.

With a little help from their friends, more than two dozen newly-arrived international students are learning their way around campus this week.

"We take them to all the places a student should know," says Deanna Wall, Co-ordinator of Reception and Orientation, International Student Affairs.

There are 1,650 international students at the University. Most arrive in the fall, but a few do land in Canada's sunniest city in mid-winter. This year's winter group includes students from Singapore, Sweden, Ireland, India, Japan, plus a philosophy student and an electrical engineer from the People's Republic of China and an

early childhood specialist from Sierra Leone.

"We're very proud of our orientation program," says Ms. Wall, singling out for special praise the 50-odd volunteers—the "old" international students who come along to help newcomers. Like Lahoucine Ouzgane from Morocco, taking time off from his doctoral studies in English, to help show fellow students from around the world which way is up, at latitude 53 north. □

## How to Publicize Your Conference

Are you organizing a seminar or conference this year? Is the subject scientific, medical or technological? Would you like people in every laboratory in Canada to know about it?

If all your answers are "yes", then you'd probably like your event to be listed in "What? When? Where?", an up-to-date calendar of public events, seminars, symposia and conferences on science and technology published in *Laboratory Product News*, a magazine distributed six times a year to all labs across the country.

According to Rita Tate, editor of the publication, "The purpose of

the calendar is to let people know that they don't always have to go to the United States for continuing education. There's lots going on in this country. And we like to publicize events up to six months in advance, so that people have time to plan their travel."

To get the news out to those you want to inform, write a short note—well in advance of the event—giving date, event, place, and contact person, and send it to Rita Tate, Editor, *Laboratory Product News*, 1450 Don Mills Road, Don Mills, Ontario, M3B 2X7; or call Ms. Tate at (416) 445-6641, ext. 4187. □

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# Free Trade Benefits Overstated

The initial enthusiasm many Canadians had for a bilateral free trade agreement with the United States is waning.

It was originally proposed as a means to gain "assured and stable access to U.S. markets" for our products, to get behind any protectionist wall the U.S. Congress might throw up over the next few years. It looked so simple: we would negotiate with the U.S. and have those pesky buy-domestic, countervail and safeguard rules removed.

With guaranteed access to the vast U.S. market, our manufacturers could expand their plants and production, thereby gaining additional economies of scale. The enhanced market would also provide greater incentive to Canadian firms to do research and development or make use of new technology from abroad. Productivity, output, and employment would all increase. A new era of prosperity would be ushered in.

We always assumed the U.S. would be delighted to accommodate Canadian wishes, for

they would have greater access to our markets, too. Now, it is evident that, although Canada should benefit from increased competition and greater efficiency, these benefits may have been overstated. Moreover, the costs to Canada in terms of economic, cultural, and political sovereignty are likely to be greater than originally expected.

Productivity gains to Canadian manufacturing are estimated at 30 percent, bringing Canadian productivity up to that of the U.S. Yet how will this dramatic gain occur when, after seven rounds of tariff reductions since 1945, Canadian productivity has stubbornly *remained* about 30 percent lower than that of the U.S.? Why will the Canadian-U.S. productivity gap be closed by a bilateral free trade agreement when something close to free trade has existed across Canada since Confederation, yet the average productivity difference in manufacturing between provinces is about 70 percent?

We must also be concerned about the industries where employment gains are supposed to occur: such as

clothing (259 percent), textiles (159 percent), knitting mills (48 percent), and transportation equipment (59 percent). The first three of these are not industries where Canada has a long-run comparative advantage. Over time we can expect to lose ground in these industries to developing and newly-industrialized nations. Canada would be foolish to expand such industries as a consequence of a bilateral free trade agreement with the U.S., only to have to contract them in due course.

As for transportation equipment, there is already something close to free trade in automobiles and aircraft. It is difficult to believe that employment in transportation would rise by 60 percent. In fact, if the U.S. has its way, the Canada-U.S. auto pact negotiated 20 years ago will be terminated and Canada would lose its hold on the automotive producers to ensure that a certain percentage of their production is done in Canada.

We must be cautious in our estimates of the employment gains to Canada from free trade.

Indications are that the U.S. will not give up its countervailing duty and safeguard laws insofar as Canada is concerned. Our access to that market is not likely to be as open as we would like.

Also, the U.S. will want our highly discriminatory provincial liquor marketing controls removed as well as our provincial buy-domestic laws, marketing boards, supply management and subsidy systems for a range of agricultural products such as poultry, eggs, milk and hogs.

The U.S. wants free flow of capital too, including U.S. investment in service industries where Canadian rules have always excluded foreign investment, such

as newspapers, radio and TV. Canada's regional development grants would be subject to challenge. Also, there will have to be harmonization of many other Canadian policies with U.S. principles and policies regarding taxes, subsidies, price competition, consumer protection and the like.

Canadians must be prepared to make adjustments. Some of these may benefit the Canadian taxpayer. Others will bring our cultural, political and economic systems much more into line with those of the U.S.

If Canada overestimates the benefits to be expected, it may give up more in the negotiating process than it should. If these gains are not fully realized, many Canadians may be persuaded that the only way to have unfettered access to the large U.S. market is through political affiliation. It's no wonder that the enthusiasm for a bilateral free trade agreement is waning in Canada. \*

\* This article, part of the '800 Series', was written by B.W. Wilkinson (Economics). It was originally published in the Edmonton Journal, 22 October 1986.

## FOLIO

ISSN 0015-5764  
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Volume Twenty-three  
Number Twenty-one

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Public Affairs produces *Folio* on a regular basis for the staff and other interested persons.



University  
of  
Alberta

### Deadlines:

**Notices of coming events:** 9 a.m. three weeks in advance of desired publication date.  
**Classified advertisements:** 3 p.m. one week in advance of desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.  
**Display advertisements:** 3 p.m. one week in advance of desired publication date. Contact Public Affairs for sizes, rates and other particulars.

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ISSN 0015-5764  
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Melanie Scott, a consultant with the Canada Council Art Bank, presents a selection from the bank's 13,000 works on campus, 19 January. Her presentation will also explain how artworks are selected for the bank, and how organizations can rent works from it.

Ms. Scott will speak at the Ring House Gallery, at 2 p.m. Faculty, staff and students are invited. □

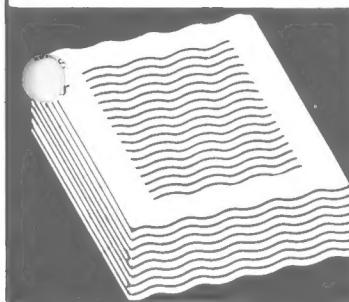
## GFC Writing Competence Committee

The Nominating Committee is seeking nominations for one faculty member of the Faculty of Arts, other than a member of the Department of English, to serve on the GFC Writing Competence Committee.

Would those who have suggestions for nominations, or who are interested in serving on the Writing Competence Committee, please communicate with Mrs. P. Plaskitt, 2-5 University Hall. Telephone: 432-4715.

It would be appreciated if a brief *vita* could accompany any nomination.

# Currents



## Campus Reviews

As part of the process of carrying out systematic reviews under the guidance of the President's Advisory Committee on Campus Reviews (PACCR), the Department of Plant Science is completing the self-study phase of the review process. The other major phase of the process is the site visit and assessment by the Unit Review Committee. In preparation for this second phase, PACCR invites written comment prior to 16 January 1987. Submissions are for the use of the Unit Review Committee and will be held in confidence by the members of the committee.

Submissions should be sent to: Mrs. Shirley Moore, Coordinator, PACCR Office, W4-13 Chemistry Building, Attention: The Plant Science Unit Review Committee.

## CD-ROM Production Project

The Department of Radio and Television is interested in hearing from anyone interested in participating in production of a CD-ROM disc (Compact Disc Read-Only Memory) for use on campus.

Participants who wish to share memory space on a 540 Megabyte CD-ROM would be expected to share costs proportionally. Contact Wes Denison, Technical Producer, or Dave Sands, Producer, at 432-4962.

## Overhead Computer Graphics Display

The newest technology in computer graphic display will be demonstrated by the Department of Radio and Television the week of 19 January.

The liquid crystal display unit is mounted on a common overhead projector and connected to a microcomputer for large-screen projection.

Wes Denison (432-4962) has more information on this low-cost alternative to current display equipment.

## Printing Services

### 1987 Wall Calendars

Printing Services wishes to thank everybody who took part in the 1987 wall calendar contest. The winners are Claudette J. DeBruijn, Office of Placement Services, and Kurt Grieses, Printing Services. The runners-up are S. Sutphen, Computing Science; Michael Stock, Zoology; Andrew Giesterfer, Extension; and Jack Smith, Printing Services.

## AGLAU Meeting

An organizational meeting of the University of Alberta's Gay and Lesbian Academic Union (AGLAU) will be convened Thursday, 15 January, at 5 p.m. in 281 Central Academic Building.

The meeting is open to all University community faculty and staff, including University of Alberta Hospitals and Provincial Laboratory.

Organizers report that "because our minority status has long been ignored and because we feel isolated, we have formed a forum to address our needs and to provide a basis for networking."

Discretion and confidentiality will be respected.

## New Resident Director for Shastri Indo-Canadian Institute

John Hill, Professor of History, Concordia University, has succeeded Ashis Gupta, Faculty of Management, University of Calgary, as Resident Director of the Shastri Indo-Canadian Institute's office in New Delhi, India. He assumed the duties of that office for a period of 18 months commencing January 1987.

## Man in Motion

Rick Hansen's Man in Motion World Tour is scheduled to reach Edmonton in early March. Preliminary planning for fund-raising projects and a University/University Hospitals reception has begun. Members of the University community are encouraged to give thought to serving on the planning committee. To offer your services or to submit ideas on ways of celebrating Mr. Hansen's heroic journey, get in touch with Art Burgess, W-109 Van Vliet Centre, 432-5607.

## Department of Recreation and Leisure Studies a Going Concern for 25 Years

In 1962, Al Affleck single-handedly supervised seven full-time students who enrolled in the new Recreation program. Twenty-five years later, the department, re-named Recreation and Leisure Studies, has grown to 320 full- and part-time bachelor's degree students, 30 master's, one doctoral student, and a full-time academic staff of 12. The bachelor's (Recreation Administration) degree program ranks as the oldest continuing university recreation program in the country.

To celebrate its 25th birthday, the department is hosting a day of

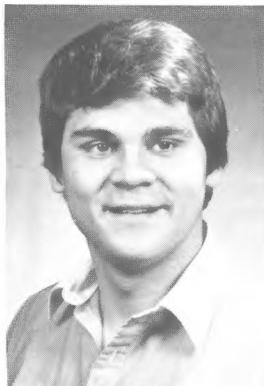
celebrations on Friday, 23 January. Three major activities are planned: an open house from 10 a.m. to 2:30 p.m.; the Anniversary Lecture presented by Jack Wright, University of Ottawa, at 3 p.m. (topic: "The University and the Profession"); and a celebration reception and banquet at the Faculty Club beginning at 6 p.m.

The department has distributed 25th Anniversary information to its alumni. Others who would like to receive this information can do so by calling Tim Burton, Chair, Recreation and Leisure Studies, 432-2677. □

## Board Welcomes New Members



Gouri Gourishankar



David Oginski



Brendon O'Neill



Annette Richardson

Four University people were recently appointed to sit as members of the Board of Governors.

Gouri Gourishankar, who is also a GFC representative, will serve on the Board for three years. A Professor of Electrical Engineering, Dr. Gourishankar taught at the University of Illinois before joining the University in 1965. His areas of expertise are control systems and robotics; he is currently an executive member of the Centre for Machine Intelligence and Robotics at the University. In addition to his teaching and research

responsibilities, Dr. Gourishankar has held several executive positions with campus associations and committees, including the AAS:UA (of which he was President), the 75th Anniversary Policy Committee, and the Committee on Private Companies and Consulting.

David Oginski is President of the

Students' Union for 1986-87. A chemical engineering student, Mr. Oginski will graduate in December 1987. He has served as a student representative on the Student-Faculty Advisory Council in the Chemical Engineering Department, as Director of Student Affairs for the Chemical Engineering Students Society and as an engineering counsellor for the Students' Union. He is enrolled in the cooperative studies program and has held placements with Gulf Canada Resources' production operations and development division.

Brendon O'Neill's three-year appointment to the Board is as Non-Academic Observer. He was a surveyor with the City of Edmonton before joining the University's Planning and Development Department in a similar capacity 20 years ago. Mr. O'Neill has served NASA for a

number of years, holding the positions of President, Vice-President, Grievance Chair and representative on GFC. He is currently a member of NASA's Representative's Faculties Council, Nomination and Benefits Committees, and the joint ADC/PPC subcommittee.

Annette Richardson is President of the Graduate Students' Association. She received her undergraduate degree from the University and is currently enrolled in a master's program. An active member of GSA for the past two years, Mrs. Richardson sat as the Association's representative on the Council on Student Services, the President's Advisory Council on Women's Issues and numerous other subcommittees. She has also held a number of teaching assistantships in the Department of History. □



## Activities

Parameswara Krishnan (Sociology) won a 1986 scholarship from the Shastri Indo-Canadian Institute, for "The History and the Socio-Demographic Influence of Cassava in Kerala, India" . . . E. Brian Titley's book *A Narrow Vision: Duncan Campbell Scott and the Administration of Indian Affairs in Canada* has been published by the University of British Columbia Press. Dr. Titley is a sessional instructor in Educational Foundations . . . L.A. Kosiński (Geography) has been elected to the executive committee of the International Science Council. The UNESCO-associated council represents 13 international associations, including the International Geographical Union . . . Last fall, the Alberta Registered Dietitians Association (ARDA) and Alberta Home Economics Association (AHEA) presented a portrait of former Dean D.R. Badir to the current Dean E.C. Murray. The portrait hangs alongside those of the three former Dean in the main hallway of the Home Economics Building. Pictured (left to right) are Dean Murray, Eunice Meakin, President of ARDA, and Mona Cox, President of AHEA.



## CANPLAINS Can Help

A computerized data base of published and on-going research about the prairie region is available to individuals conducting research that bears on the prairie provinces. CANPLAINS, housed in the Canadian Plains Research Centre, University of Regina, offers subscribers more than 24,000 references to publications and current research about the region, including many references on current research projects from other prairie universities.

Unlike other bibliographic data bases, which are primarily single-subject oriented, the CANPLAINS data base is regional and multidisciplinary, emphasizing all topics of relevance to the Canadian prairies. It covers all subject areas of relevance to the region, for example, history,

people, land and various problems and their solutions.

Journal articles, books, monographs, reports, government documents, master's and doctoral theses, and conference proceedings and papers are among the resources brought into play.

The CANPLAINS data base is available for searching across Canada on the CAN/OLE online information retrieval system operated by CISTI. CAN/OLE can be accessed through most libraries or by individuals with user numbers. To register in the data base, or to make use of CANPLAINS' services, contact Carol MacDonald, Canadian Plains Research Centre, University of Regina, Saskatchewan, S4S 0A2, 306-584-4758/59. □

## Fellowship Honors Rudnytsky

A fellowship in memory of the late Ivan Lysiak Rudnytsky has been established at the University of Alberta, where Dr. Rudnytsky lectured on Ukrainian and East European history.

Professor Rudnytsky, the author of numerous scholarly publications on the history of Ukraine, came to the University of Alberta in 1971. He was the first to develop Ukrainian history as a subject of study at the University and was a founder of the Canadian Institute of Ukrainian Studies. When he passed away in April 1984, he willed to the University an extensive collection, valued at almost \$90,000, of books, (some 3,000 titles), rare maps and papers relating to Ukrainian history.

The Ivan Lysiak Rudnytsky Memorial Fellowship is intended for first-class doctoral students in the history of Ukraine at the University of Alberta during their dissertation years.

Alexandra Chernenko-Rudnytsky, widow of Professor Rudnytsky, initiated the endowment with a donation of

### Fun Bonspiel Being Lined Up

The NAIT Staff Curling Club plans to inaugurate a provincial fun bonspiel open to post-secondary institutional staff and spouses.

Jim McGregor, bonspiel coordinator, says stones will be thrown from noon to midnight, Saturday, 24 January, at the Avonair Curling Club (10607 Princess Elizabeth Avenue, across from NAIT).

The maximum number of entries is 32, and it's a case of first-come, first-served. The entry fee is \$80 per team (supper included); a \$20 deposit is required.

A team must consist of two men and two women. Every team will play four 5-end games and be awarded points on the basis of 5 for a win, 2 for a tie, and 1 for each end scored. Ties in points will be broken using total score differential.

Prizes will be awarded for a variety of reasons, including one to the institution having the highest average points per team.

Because a decision to proceed or not has to be made on 12 January, McGregor asks that entries be submitted as soon as possible. (Entries after 12 January will be considered until 19 January.) His address is 7508 152 Avenue, Edmonton, T5C 2Z7. Telephone: 427-5591 (work), 476-4052 (home). □

\$10,000. It is expected that this donation and subsequent donations to the memorial fellowship will be eligible for 2-to-1 matching by the provincial government.

The amount of the fellowship and the frequency of the award will depend on the amount of funds collected.

Candidates for the award must be conducting doctoral research on the history of Ukraine or Ukrainian political thought. Candidates must also show promise of producing high quality, nonpartisan scholarship.

Those who would like to contribute to the fellowship fund are requested to send their donations to: The Ivan Lysiak Rudnytsky Memorial Fellowship, Student Awards Office, 252 Athabasca Hall. (Cheques should be payable to the University of Alberta.) □

## Positions

*The University of Alberta is committed to the principle of equal opportunity in employment and encourages applications from all qualified people.*

*In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.*

### Academic

#### Chairman, Department of Educational Psychology

The Faculty of Education invites nominations and applications for the position of Chairman of the Department of Educational Psychology. The department's offerings include courses and programs in basic theoretical educational psychology, measurement, special education, and counselling and school psychology.

The department has 45 full- and part-time faculty members and 7 secretarial staff. There are approximately 200 graduate students.

The position should be filled by 1 July 1987. Salary will be commensurate with qualifications and experience.

Applications or nominations, accompanied by a *curriculum vitae* and the names of three referees, should be sent by 31 January 1987 to: Dr. R.S. Patterson, Dean, Faculty of Education, University of Alberta, Edmonton, Alberta T6G 2G5.

### Support Staff

*To obtain further information on the following positions, please contact Person Services and Staff Relations, 2-40 Assiniboine Hall, telephone 432-5201. These vacancies cannot be guaranteed beyond the date of publication.*

Office Services File Clerk, Office of the Registrar, (\$1,142-\$1,412)  
Clerk Typist II, (Trust/Part-time), Physical Therapy, (\$701-\$870)  
Clerk Steno III, Faculty of Extension, (\$1,366-\$1,716)

Library Assistant I, Boreal Institute, (\$1,412-\$1,791)  
 Medical Steno (Trust), Pediatrics, (\$1,522-\$1,945)  
 Medical Steno, Psychiatry, (\$1,522-\$1,945)  
 Medical Steno, Medicine, (\$1,522-\$1,945)  
 Secretary, Office of the Registrar, (\$1,522-\$1,945)  
 Administrative Clerk (Term), Faculty of Extension, (\$1,522-\$1,945)  
 Administrative Clerk, Housing and Food Services, (\$1,522-\$1,945)  
 Lab Assistant II (Trust), Zoology, (\$1,226-\$1,522)  
 Biochemistry Technician I (Trust), Biochemistry, (\$1,580-\$2,027)  
 Technician II (Trust/Part-time), Physical Therapy, (\$896-\$1,152)  
 Engineering Technologist II, Physical Plant - Plant Operations, (\$1,864-\$2,407)  
 Biochemistry Technologist I (Trust), Biochemistry (Lipid Group) (\$1,945-\$2,510)  
 Technologist I/III (Trust), Pharmacology, (\$1,945-\$2,992)  
 Administrative Assistant I (Trust), Department of Medicine, (\$1,945-\$2,510)  
 Administrative Assistant I, Extension, (\$1,945-\$2,510)  
 T.V. Producer II, Instructional Technology Centre, (\$2,208-\$2,861)  
 Occupational Health Nurse, Occupational Health and Safety, (\$2,304-\$2,992)  
 Programmer Analyst III, Computing Science, (\$2,741-\$3,579)  
 Programmer Analyst III, Geology, (\$2,741-\$3,579)

For vacant Library positions, please contact the Library Personnel Office, Basement, Cameron Library, 432-3339.

## Talks

### Art and Design

8 January, 5 p.m. Dore Ashton, "Political Conundrums of 20th Century Art History." L-1 Humanities Centre.  
 13 January, 7 p.m. Dore Ashton, "Fin de siècle Jitters: Post Modernism." L-1 Humanities Centre.

### Canadian Mediterranean Institute

8 January, 7:30 p.m. Maurizio Gualtieri and Helena Fracchia, "The Proposed 1987 University of Alberta Summer School in Italy." Lecture Room, Provincial Museum.

### Boreal Institute for Northern Studies

9 January, noon. Lynne Dickson, Canadian Wildlife Service, "The Red-Throated Loon as an Indicator Species for Environmental Monitoring Programs in the Beaufort Sea." M137 Biological Sciences Centre.  
 16 January, noon. Becky Sjare, "High Arctic Beluga Whales - Life History and Vocal Behaviour." M137 Biological Sciences Centre.

### Friends of the University Alberta Museums

11 January, 2 p.m. Grace Thompson, art adviser of the Sanavik Co-operative in Baker Lake, will discuss her recent visit to the north. Ring House Gallery.

### Family Studies

12 January, noon, Dianne Kieren, "Issues in Family Observation Research." 812 General Services Building.

## Soil Science

12 January, 12:30 p.m. Les Wetter, "The effects of deep ripping in combination with a lime amendment on the physicochemical properties of a Solonetzic soil in south central Alberta." 2-36 Earth Sciences Building.  
 22 January, 12:30 p.m. Doug Penney, Section Head, Soil Fertility, Soils Branch, Alberta Agriculture, "Eight hundred miles of Soviet agriculture." 2-36 Earth Sciences Building.

## Slavic and East European Studies

12 January, 3 p.m. P.A. Rolland, "St. Andrew in Kiev and Anonymous Guests in Gniezno—Political Legends in Nestor's *Tale of Bygone Years* and *The Chronicle of Gallus Anonymous*." 776 General Services Building.  
 19 January, 3 p.m. T.M.S. Priestly, "On Translating Francé Prešeren's *sonetni venec* ('Wreath of Sonnets'): The 'Master Theme' as Stumbling-Block." 776 General Services Building.

## Population Research Laboratory

12 January, 3 p.m. Karol J. Krótki, "Alberta in the First National Fertility Survey of Canada." TB-W2 Tory Building.

## English

12 January, 4 p.m. Sam Rees, "Do Not Interpretations Belong to God?" (*Genesis*, 40:8). *Visions and Revisions in Genesis*." 5-20 Humanities Centre.  
 15 January, 2 p.m. Poetry reading by Helen Pinkerton. L-3 Humanities Centre.  
 15 January, 3:30 p.m. Lyle Weis, "Evolutionary Mysticism in Victorian Canada: R.M. Bucke and D.C. Scott." 5-20 Humanities Centre.  
 19 January, 4 p.m. A panel discussion on religion and literature. With Rudy Wiebe, Philip Knight and Francis Landy. 5-20 Humanities Centre.

## Home Economics

12 January, 7 p.m. The seminar "Wet Cleaning Historic Cottons and Linens" will be presented by Nancy Kerr. 308 Printing Services Building. Registration fee: \$20. 432-2528.

## Anatomy and Cell Biology

13 January, 4 p.m. Joe Connolly, Department of Anatomy, University of Toronto, "RAS Proteins in Myogenic Differentiation." 6-28 Medical Sciences Building.

## Forest Science

14 January, noon. K.O. Higginbotham and Keith Branter, Reforestation and Reclamation Branch, Alberta Forest Service, "Silviculture in Alberta: Viewing the Future." 4-1 Mechanical Engineering Building.

## Computing Science

14 January, 3:30 p.m. P.A. Subrahmanyam, AT&T Bell Laboratories Research, "Designing VLSI Systems Over a Lazy Afternoon—Theory and Practice." 619 General Services Building.

## English and Drama

15 January, 12:30 p.m. Patricia Ludwick will speak on her personal involvement in the development of new Canadian plays. L-3 Humanities Centre.

## Chemical Engineering

15 January, 3 p.m. P.M. Fedorak, "Biological Anaerobic Treatment of

Phenolic Wastewaters by Methane-Producing Consortia." E-342 Chemical-Mineral Engineering Building.

## Music

15 January, 3:30 p.m. Paul Rice, "Rameau's *Daphnis et Eglé*: Insights into the Creation and Production of Opera in Mid-18th Century France." 2-34 Fine Arts Building.

## Entomology

15 January, 4 p.m. J.E. O'Hara, "Phylogenetic Relationships and Reclassification of the Siphonini (Diptera: Tachinidae)." TBW1 (Tory Breezeway).

## History

16 January, 3:05 p.m. Gerhard Ens, "Metis Mobility in the Transition From Peasant Society to Industrial Capitalism: Migration and Persistence of the Red River Metis, 1835-90." 2-58 Lewis H. Thomas Conference Room, Tory Building.

## Alberta Heritage Foundation for Medical Research

19 January, noon. Patrick A. Hessel, Epidemiologist, Medical Bureau for Occupational Diseases, Johannesburg, South Africa, "Efficacy of the Periodical Medical Examination in Industry." Classroom F: Walter C. Mackenzie Health Sciences Centre, Room 2J4.02.  
 20 January, 8 a.m. Dr. Hessel, "Race as a Prognostic Factor in Breast Cancer Survival." Location: Same as above. Both lectures sponsored by Health Services Administration and Community Medicine.

## Colloquia on Systems Research

19 January, 3 p.m. Robert Rosen, I. W. Killam Professor of Physiology and Biophysics, Dalhousie University, "System Theory in Mathematics."

21 January, 3 p.m. Dr. Rosen, "System Theory in Physics."

23 January, 3 p.m. Dr. Rosen, "System Theory in Biology."

26 January, 3 p.m. Dr. Rosen, "System Theory in Technology."

28 January, 3 p.m. Dr. Rosen, "System Theory in the Human Sciences."

30 January, 3 p.m. Dr. Rosen, "System Theory in Modern Science." All lectures in CW 4-10 Biological Sciences Centre. A comprehensive collection of Dr. Rosen's published works is available for reference in the Centre for Systems Research Reading Area, 1-81 Tory Building, Wednesdays from 10 a.m. to 1 p.m.

## English (Edmund Kemper Broadus Lectures)

26 January, 4 p.m. B. Nielsen de Luna, "More Grist for the Shakespearean Mill."  
 27 January, 4:30 p.m. Dr. de Luna, "The Bard's Birthright Reconsidered."  
 29 January, 4 p.m. Dr. de Luna, "A Tumultuous Privacy."  
 3 February, 4:30 p.m. Dr. de Luna, "The 'Unlick'd Bear-Whelp' of Stratford."  
 5 February, 4 p.m. Dr. de Luna, "Marshall's Depiction of the 'Fatal' Merry Meeting."  
 The lectures will be presented in L-1 Humanities Centre under the theme "Some Fresh Glimpses of the Mortal Shakespeare." Slides will be shown at each lecture.

# Investing for Income

Free

If you're confused about the relative merits of the many alternative income investments, you are not alone. Now, McLeod Young Weir has prepared a brief, easy-to-read booklet which is designed to strip away the mystery and confusion. It will be of particular interest if you are concerned with secure investment income. It also deals with the tax treatment of these various types of investment.

This booklet deals with:

- Interest
- Term Deposits
- Canada Savings Bonds
- G.I.C.'s
- Treasury Bills
- Bonds and Debentures
- Mutual Funds
- Dividends

For your complimentary copy, simply complete and mail this coupon or telephone Ronald J. Hiebert, Investment Executive at (403) 428-1478.

To: McLeod Young Weir Limited  
 Attn: Ronald J. Hiebert  
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## The Arts

### Ring House Gallery

Until 11 January. "Ashoona Pitseolak—An Unusual Life"—a retrospective exhibition of prints by this Cape Dorset artist. Until 11 January. "Keeveek Aware!"—an exhibition of colored pencil drawings by Baker Lake artist Victoria Mamnguqualuk.

### Music

All concerts take place in Convocation Hall.

8 January, 8 p.m. Visiting Artist Series—Brandon Trio.

10 January, 8 p.m. Encounters Series—Faculty, students and friends present works by Schilling, Mendelssohn, Bartók and Barber.

14 January, 8 p.m. Visiting Artist Series—Dorothy Howard-Brooks, mezzo-soprano, will present a program of Canadian works.

17 January, 8 p.m. Student Recital—Grant Maxwell and Micah Yui, duo-piano.

18 January, 8 p.m. Helmut Brauss piano recital.

## Broadcasts

### Radio

#### CKUA

10 January, 7 p.m. Music at the University of Alberta presents "Simple Truths: Mennonite Music in Canada." Guest: Wesley Berg.

#### CJSR-FM

Eclectic programming, including folk, jazz, new music, rock and U of A news and sports coverage. See *Airtight* magazine for full programming details. Send public service announcements to 224 SUB, 432-5244.

## Advertisements

### Accommodations available

Sale - Seventy acres adjoining south city limits. Well-planned 2,300' bungalow. Extra features. Pasture plus grain. Chris Tenove, 433-5664, 436-5250. Spencer Realty.

Sale - University area. Upgraded bungalow with suite. Chris Tenove, 433-5664, 436-5250. Spencer Realty.

Sale - 1.33-acre, ravine, city lot. Other lots from \$39,750 up. Chris Tenove, 433-5664, 436-5250. Spencer Realty.

Sale - Six lakefront lots. Miquelon Lake. \$6,000. Chris Tenove, 433-5664, 436-5250. Spencer Realty.

Sale - Millcreek bungalow. Hardwood floors and basement suite. Real charmer. Call Alice Van Ballegoie, Spencer Realtor, 436-5250, 464-5122.

Shared accommodation - Beautiful, well-appointed home, all conveniences, fireplace, attached garage. Post-doctoral, graduate student or couple. Phone 434-6104 after 6 p.m. For sale - Belgravia, \$76,900.

Two-bedroom bungalow, formal dining room, developed basement, double garage. Immediate possession available. Ed Lastiwka, Royal LePage, 437-7480, 437-4984.

For sale - Saskatchewan Drive. Executive bungalow. Two fireplaces, developed basement, huge lot facing the river valley. Asking \$199,500. Ed Lastiwka, Royal LePage, 437-7480, 437-4984.

Rent - Going overseas. Main floor house. Furnished, two bedrooms, study. Garage. Seven-minute drive to campus. Direct busines. 1 Feb.-30 April. 468-3302 evenings.

Share - House with male. Mature, quiet, non-smoking. Male/female. \$220/month plus utilities. Four blocks University. References necessary. 437-6806.

### Accommodations wanted

Wanted to rent: House close to University, 4-5 bedrooms. One year from July 1987. 432-6501 bus., 431-1026 res.

### Goods for sale

Cash paid for appliances, 432-0272. Persian craftsmen created this silk-on-cotton carpet in Kashmir. It has been recently appraised in Edmonton near \$10,000. Approximately 9'6" x 6'. \$6,500 or best offer. 459-5329.

### Services

Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A 105 St. 432-1419.

Backaches? Stress tension? Special therapy at Back-Basics (supplementary health care reimburses treatment costs). Maria Krieg is a spine specialist, university-trained in Düsseldorf. 11610 75 Avenue. 436-8059.

Typing Associates word processing. \$1.35 per double-spaced page. Shannon, 462-3825.

Carpentry/renovations: Framing, finishing, drywall taping, lino, arborite, plumbing, electrical. References. Dave Richards, 437-0794.

IBM Proprinter - Multispeed dot matrix printer, encompasses near letter-quality capability. Several paper handling features, including single sheet feed and track feed. Excellent condition (6 months old). \$495. 477-5730.

Middle-aged, married woman looking to babysit a sibling group in my own home, corner of 112 St. 82 Ave. Phone 433-1676, ask for Jeannine Roy.

Parking available 112 St. 82 Ave. Energized, covered, \$50 per month. Phone 433-1676.

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## Price Waterhouse, Chartered Accountants & Cruickshank Phillips, Barristers and Solicitors

Invite U.S. citizens living in Canada to a seminar the evening of February 11, 1986 addressing the issues of

### U.S. Tax Reform - Implications for expatriates:

Changes affecting expatriates;  
Planning to minimize total U.S.  
and Canadian Income Taxes — Common Pitfalls.  
Speaker: Dennis Blumenthal, *Chartered Accountant*.

### Estate Planning for Expatriates:

Impact of Canadian laws on estates of U.S. citizens; wills;  
Canadian and U.S. implications of dual national status.  
Speaker: Wilhelmina K. Tyler, *Barrister and Solicitor, U.S. Attorney*.

*Location: University of Alberta Campus*

*Seminar fee: \$10 per person*

*R.S.V.P. W.K. Tyler, Cruickshank Phillips,  
Telephone 468-3300*